

CONSTRUCTION SEQUENCE

STEPS TO BE TAKEN TO PREVENT THE SILTING OF THE WETLANDS DURING CONSTRUCTION OF THE ACCESS DRIVE AND LAYDOWN AREAS FOR THE 'WIND COLEBROOK SOUTH' PROJECT, FLAGG HILL ROAD, COLEBROOK, CT.

THE SEQUENCE OF CONSTRUCTION WILL BE AS FOLLOWS:

Field stakeout the limits of all construction activities

Clear all vegetation within the construction area. Do not remove stumps at this time. All trees/shrubs less than 6° in diameter shall be chipped.

The construction entrance, silt fence, haybales and/or other perimeter siltation devices shall be placed as shown on the erosion

The staging and processing area in the vicinity of Station 18+50 will initially be accessed by the existing driveway on the eastern side of the property. Work will then begin working down the roadway from Station 18+50 towards Station 0+00

Remove stumps from the area of the proposed access drive from Station 0+00 to 18+50, the crane assembly area, turbine 1 location and turbine 1 access drive. Stumps shall be removed from the site. Stumps are not to be buried.

Water bars, haybale traps and silt fence will be used to control erosion during rough grading of access drive as shown.

Strip topsoil material and stockpile prior to rough grading of roadway. Stockpile material at locations shown on the plans Ensure adequate erosion control measures are in place around stockpile areas.

Rough grade access drive to station 0+00 to 18+50, the crane assembly area, turbine 1 and turbine 1 access drive. The cuts and fills will be made and material processed on site as necessary. All finished slopes loamed, seeded and mulched unless specified to be finished with riprap.

Install drainage from Station 0+00 to 18+50, construct temporary sediment traps 1 and 2 and the temporary and permanent water diversions to keep clean water away from construction areas and sediment laiden water toward temporary sediments traps and staked haybale barries.

Remove stumps from the remainder of the area of construction. Stumps shall be removed from the site. Stumps are not to be buried.

Rough grade access drive to the wetlands crossing at Station 37+50 and laydown area for turbine 2 construction. Install drainage and construct TSTs 3-5. The cute and fills will be made and material processed on site as necessary. All finished slopes loamed, seeded and mulched.

Install Seepage Envelope at wetlands crossing per detail. Rough grade the remainder of the access drive and laydown area for turbine 3 construction. Install drainage and construct TST 6. The cuts and fills will be made and material processed on site as necessary. All finished slopes loamed, seeded and mulched.

Additional haybales shall be placed across unpaved roads at the end of each work day to prevent sedimentation and soil erosion as required.

Construct riprap swales, stone infiltration trenches and water quality trenches as shown on plans. The swales and water quality trenches need to be protected from sedimentation during construction. If sedimentation occurs they will need to be cleaned or reconstructed as necessary after vegetation has been established.

Temporary diversion ditches with haybales may need to be installed to control lateral runoff along both sides of the proposed road prior to importing processed gravel.

Place gravel on drive, compact in 3-8" lifts per detail.

Provide temporary seeding measures on all exposed soils which were damaged due to construction activities and are not to be permanently restored or are outside of construction traffic zones for a period in access of 30 days.

Seed all disturbed areas. Clean all silt from drainage structures. Remove temporary sediment traps and erosion control measures after site is stabilized with vegetation.

After turbine construction is complete grade site in accordance with the post-construction grading plans and plant the upland

The starting time for the construction is unknown, however the time limit for the construction of the drive should be limited to 180 days.

*TEMPORARY SEDIMENT TRAPS WILL BE SURROUNDED TO THE MAXIMUM EXTENT PRACTICAL WITH SILT FENCE TO EXCLUDE MIGRATING AMPHIBIANS AND AVOID THESE BASINS BECOMING DECOY POOLS.

*SYNCOPATED SILT FENCING WILL BE EMPLOYED WITHIN 750' OF THE VERAL POOLS TO FACILITATE MOVEMENT OF WETLAND-DEPENDENT AMPHIBIANUS TO AND FROM THESE VERNAL POOLS DURING CONSTRUCTION.

FROSION CONTROL NARRATIVE

RESPONSIBILITY FOR THE PLAN

Whenever sedimentation is caused by stripping vegetation and/or grading, it shall be the responsibility of the person, corporation or other entity having responsibility to remove sedimentation from all lower properties, drainage systems and watercourses and to repair any damage at their expense as quickly as possible.

All control measures will be maintained in effective condition All control measures will be intalled in effective control.

Surface injets shall be kept open and free of sediment and debris. The system shall be checked after every major storm and sediment shall be disposed of at an approved location consistent with the plan.

It shall be the responsibility of any person, corporation or other entity engaging in any act on or near any stream, watercourse or swale or upon the flood plain or right-of-way thereof to maintain as nearly as possible in its present state that same stream, watercourse, swale, flood plain or right-of-way for the duration of the activity and to return it to its original or equal condition after such activity.

No person, corporation or other entity shall block, impede the flow of, alter, construct any structure or deposit any material or thing or commit any act which affects normal or flood flow in any communal stream or watercourse without having

Seedhed Preparation

Fine grade and rake surface to remove stones larger than 2" in diameter. Install needed erosion control devices such as surface water diversions. Grade stabilization structures, sediment basins or drainage channels to maintain grassed areas. Apply limestone at a rate of 2 tons/Ac. or 90 lbs/1000 SF unless otherwise required according to soil test results. Apply fertilizers with 10-10-10 at a rate of 300 lbs./Ac. or 77.5 lbs/1000 SF. At least 50% of the nitrogen shall be from organic sources. Work lime and fertilizer into soil uniformity to a depth of 4" with a whisk, springtooth harrow or other suitable equipment following the contour lines

Seed Application

Apply grass mixtures at rates specified by hand, cyclone seeder or hydroseeder. Increase seed mixture by 10% if hydroseeder is used. Lightly drag or roll the seeded surface to cover seed. Seeding for selected fine grasses should be done between April 1 and June 1 or between August 15 and October 15. If seeding Detween April 1 and June 1 or between August 15 and October 15. If seeding cannot be done during these times, repeat mulching procedure below until seeding can take place or seed with a quick germinating seed mixture to stabilize slopes. A quick germinating seed mixture (Domestic Rye) can be applied between June 15 through August 15 as approved by the Architect or Engineer.

Immediately following seeding, mulch the seeded surface with straw, hay or wood fiber at a rate of 1.5 to 2 tons/Ac. except as otherwise specified elsewhere. Mulches should be free of weeds and coarse matter. Spread mulch by hand or mulch blower. Punch mulch into soil surface with track machine or disk harrow set straight up. Mulch material should be "tucked" approximately 2— 3" into the soil surface. Chemical mulch binders or netting, in combination with the straw, hay or wood fibers, will be used where difficult slopes do not allow harrowing by machines.

Gross Seed Mintures

as Seed Mixtures
Temporary Covers
Perennial ryegross
20 lbs/Ac.
20 lbs/Ac.

Permanent Covers
Creeping Red Fescue
Canada Bluegrass
40 lbs/Ac.
20 lbs/Ac.

WETLAND REGULATED ACTIVITY

Wetlands Impacts: Crossing at Station 37+50 - 4,250 sf

Total Activity in Wetlands - 4,250 sf

RESPONSIBILITY FOR EROSION CONTROL PLAN

THE PARTY RESPONSIBLE FOR THE IMPLEMENTATION AND OVERSIGHT OF THE EROSION CONTROL PLAN SHALL BE: 29 SOUTH MAIN STREET WEST HARTFORD, CT 06107 PHONE # - 860-561-5102

UPLAND RESTORATION AND THIRD PARTY MONITORING NARRATIVE

Wind Colebrook South - Upland Restoration Plan

Disturbed upland areas will be restored following construction with New England Disturbed upland creas will be restored raisoning construction with new Enganic Conservation/Wildlife Mix, a native herbaceous seed mixture that will form a permanen maintenance free cover of grasses, forbs, wildliowers and legumes. This seed mixture provide ereation control and wildlife shaltet value. Areas that will not be subject to ennual mowing will revert to forest through the natural process of succession.

Upland Restoration Plan Construction Sequence and Planting Schedule

- Prior to all work, erosion control barriers will be installed as detailed on the Erosion Control Plan.
- 2. Where adequate topsoil (±6 inches) does not exist, disturbed areas shall be backfilled to a minimum depth of 6 inches with clean topsoil. Once final topsoil is in place, these areas will be planted with New England Conservation/Wildlife Mix offer the completion of final grading. The seed mix will be applied at a rate of 1 b/1,750 square feet. Soil conditioning activities, including raking, will be combined with the need englishing precision.
- 3. Where 2:1 slopes are utilized for find grading, or in areas specified on the plan sheets, blodegradable erosion control matting will be installed over the seed mixture to promote establishment of vegetation and old in stabilization. The contractor will use "SC2" erosion control matting, available at New England Wetland Plants Inc. (413) 548—8000 or an approved equivalent.
- The contractor will be responsible for the careful installation, maintenance (including watering) and establishment of native plant material in these areas.
- 5. The erceton control berriers shall be discassembled following successful stabilization of these areas. Sediment collected by these devices will be removed and disposed of in a manner that prevents erceton and transport to a waitand or watercourse.

6. Monitoring of revegetated areas will be conducted as follows by a qualified third porty inspector. These areas will be monitored the first three growing seasons following establishment. Monitoring reports will be submitted to the Connecticut. Siting Council no leter than December 15 of each year. The reports will provide details on the three success standards described below. In the event that remediation measures are required, recommendations will be provided. The first year remediation measures are required, recommendations will be provided. The first yet of monitoring will be the first year that the site has been through a full growing season after completion of construction and planting. For monitoring purposes, a growing season starts no later than May 31.

- 7. Revegetated areas will be assessed using three success standards. Each standard is described below. Success Standard 1: At least 75% of the surface area of these areas should be resetablished with indigenous species within three growing seasons. Success Standard 2: Vegetation should be checked to ensure that no invalve species colonize in these areas. Success Standard 3: Stopes within and adjacent to the revegetated areas are stabilized.
- 8. In the event that remediation measures are recommended, BNE Energy, Inc. will hittate these measures with the assistance of the qualified third party inspector.
- 9. If necessary to control invasive species, herbicide applications will be conducted by a state-licensed individual. If applications are required in proximity to site wetlands, the herbicide RODEO® [glyphosate (53.8% active ingredient)] shall be utilized as it is the only herbicide approved by CTDEP for application in aquatic environments.
- 10. Fertilizers will not be used to promote growth within these creas. The proposed seed mixture contains a variety of native herbaceous species adept at colonizing recently defurbed areas.

Planting Schedule 1: Upland Restoration Areas

Disturbed areas will be planted with New England Conservation/Wildlife Mix (or equivalent) et 1750 eq.ft./lib. or as recommended by manufacturer. This mix

includes the following species: big bluestern (Andropogon generali), fringed brome gross (Bromus cilicites), creeping red feacus (Festuca naivo), Canada wild rys (Elymus Canadansis), Virginia wild rys (Elymus wightcus), switchgrass (Panicur virginium), deer tangue gross (Penicur clandestinum). Bittle bluestem (Schizco scopprium), Indian gross (Sarghastinum nutms), common millicread (Ascleptes syrlaco). New England ester (Aster nover-englas), portridge pes (Chamae fesciculate), shoey tick-trefoil (Desmodium Canadense), grass leaved gold (Euthemia graminifolia), gray goldenrod (Solidago nemoralia).

- Wind Colebrook South Third Party Environmental Inspections
- A qualified third party environmental inspector shall inspect the installation of erosion and sedimentation controls prior to the start of construction activities. A pre-construction meeting shall be held with the third party environmental inspector and general contractor prior to the start of construction.
- The qualified third party environmental inspector will monitor erasion and sedimentation controls throughout the construction period to ensure that controls are properly maintained and any recommendations to remediate falling controls or removal occumulated sediment are implemented by the contractor in a timely
- 3. The qualified third party environmental inspector shall monitor erosion and sedimentation controls on a weekly basis or within 24 hours of a rainfall event of 0.5 inches or greater.
- 4. Excelon and sedimentation control monitoring reports will be prepared by the third party environmental inspector on a bi-weekly basis and submitted to the Connecticut Stiting Council.
- The on-eite erceion and sediment controls shall be montlicred by a qualified third party environmental inspector to ensure sarbblishment of appropriate environmental serfeguerate protective of amphiblion and repritis species.

GENERAL PRINCIPLES

The following general principles shall be maintained as effective means of minimizing erosion and sedimentation during the development process.

Stripping away of vegetation, regrading or other development shall be done in such a way as to minimize erosion.

Grading and development plans shall preserve important natural features, keep cut and fill operations to a minimum, and insure conformity with topography so as to create the least erosion potential and adequately handle the volume

Whenever feasible, natural vegetation shall be retained, protected and supplemented wherever indicated on the site development plan.

The undisturbed area and the duration of exposure shall be kept to a practical minimum.

Disturbed soils shall be stabilized as quickly as possible.

Temporary vegetation and/or mulching shall be used to protect exposed critical areas during development when expected to be exposed in excess of 30 days.

The permanent (final) vegetation and mechanical erosion control measures shall be installed as soon as practical during construction.

Sediment in the runoff water shall be trapped until the disturbed areas is stabilized by the use of debris basins, sediment basins, silt traps or similar

Concentration of surface runoff shall be only permitted by piping and/or through drainage swales or natural watercourses.

Slopes created by cuts or fills shall not be steeper than 1.5:1 and shall be restabilized by temporary or permanent measures, as required during the development process and shown on the site plans.

Adequate provisions shall be made to prevent surface water from damaging the cut face of excavations or the sloping surfaces of fills.

Cut and fills shall not endanger adjoining property.

All fills shall be compacted to provide stability of material and to prevent undesirable settlement. The fill shall be spread in a series of layers each not exceeding twelve (12) inches in thickness and shall be compacted by a sheep roller or other approved method after each layer is spread.

Fills shall not encroach on natural watercourses, constructed channels or regulated flood plain areas, unless permitted by license or permit from authority having jurisdiction in accordance with approved site plans.

Fills placed adjacent to natural watercourses, constructed channels or flood

Grading shall not be done in such a way as to divert water onto the property of

During grading operations, necessary measures for dust control shall be

Sedimentation and erosion control shall be implemented in accordance with the Guidelines for Soil Erosion and Sediment Control (2002) — State of Connecticut DEP Bulletin 34.

The following general specifications will also be adhered to:

Land disturbance will be kept to a minimum. Restabilization will be scheduled

*TEMPORARY SEDIMENT TRAPS WILL BE SURROUNDED TO THE MAXIMUM EXTENT PRACTICAL WITH SILT FENCE TO EXCLUDE MIGRATING AMPHIBIANS AND AVOID THESE BASINS BECOMING DECOY POOLS.

Haybale filters will be installed at all culvert outlets and along the toe of

Culvert discharge areas will be protected with riprop channels. Energy dissipaters will be provided as necessary.

Catch basins will be protected with haybale filters throughout the construction period and until all disturbed areas are thoroughly stabilized.

All erosion and sediment control measures will be constructed in accordance with the standards and specifications of the Guidelines for Soil Erosion and Sediment Control (2002) — State of Connecticut DEP Bulletin 34. "SYNCOPATED SILT FENCING WILL BE EMPLOYED WITHIN 750" OF THE VERAL POOLS TO FACILITATE MOVEMENT

WETLAND-DEPENDENT AMPHIBIANMS TO AND FROM THESE VERNAL POOLS DURING CONSTRUCTION Erosion and sediment control measures will be installed prior to construction

All control measures will be maintained in effective condition throughout the

Additional control measures will be installed during construction if necessary or required.

All erosion control measures shall be inspected weekly and within 24 hours of a rainfall event of 0.5 inches or greater.

EARTHWORK QUANTITY ESTIMATE

TOTAL CUT - 26,850 C.Y. TOTAL FILL - 34.300 C.Y.

COMMON CLEAN FILL REQUIRED (TOPSOIL AND SUBSOIL) - 24,400 C.Y. RIPRAP TO BE PROCESSED FROM ON-SITE MATERIAL - 2,450 C.Y.

PROCESS GRAVEL, ASPHALT AND STONE TO BE IMPORTED - 7,450 C.Y. NOTE: ALL EXCAVATED (CUT) MATERIAL TO BE REUSED ON-SITE.

OVERALL SITE DISTURBANCE ASSOCIATED WITH THE PROPOSED IMPROVEMENTS - 13.32 ACRES

DATE NO REVISION Previous Editions Chaolata

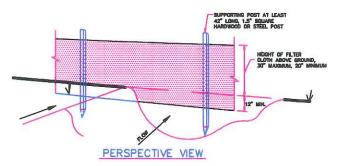
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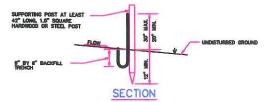
EROSION CONTROL NAARRATIVE AND CONSTRUCTION SEQUENCE

WIND COLEBROOK SOUTH FLAGG HELL ROAD

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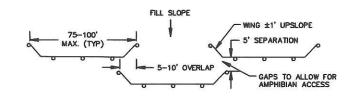


CONSTRUCTION NOTES FOR SILT FENCE

1. DICAVATE A TRENCH A MINIMUM OF 8 INCHES DEEP AND 6 INCHES WIDE ON THE UP SIDE OF THE

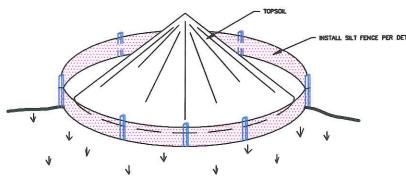
3. STAPLE OR SECURE THE GEOTEXTILE TO THE SUPPORT POSTS FOR MANUFACTURER'S BISTRUCTIONS SUCH THAT AT LEAST 6 INCHES OF GEOTEXTILE LIES BITHIN THE TREBICH.

4. BACKFILL THE TRENCH WITH TAMPED SOIL OR ABGREDATE OVER THE GEOTEXTILE. SILT FENCE DETAIL



SYNCOPATED SILT FENCE INSTALLATION

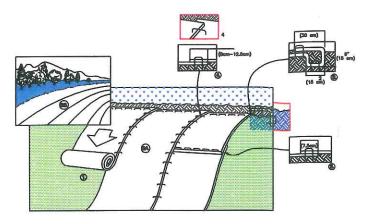
PLAN WEW FOR AREAS WITHIN 750" OF A NERWAL POOL



STOCKPILE MANAGEMENT PER 2002 CT GUIDELINES FOR E & S CONTROL:

- 1. LOCATE STOCKPILE SO THAT NATURAL DRAINAGE IS NOT OBSTRUCTED.
 2. DIVERT RUNOFF WATER AWAY FROM OR AROUND THE STOCKPILE
 3. INSTALL A GEOTECHILE SLIT FENCE OR HAY BALE BARRIER AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM PROPOSED TOE OF THE SLOPE.
 4. THE SIDE SLOPES OF STOCKPILED MATERIAL SHOULD BE NO STEEPER THAN 2:1.
 5. STOCKPILES THAT ARE NOT TO BE USED WITHIN 30 DAYS NEED TO BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE.
 6. AFTER STOCKPILE HAY ARE BEEN REMOVED, THE SITE SHOULD BE GRADED AND PERMANENTLY STABILIZED.

TEMPORARY TOPSOIL STOCKPILE



- 1. PREPARE SOIL BEFORE INSTALLING BLANIGTS, BICLIDING ANY MECESSARY APPLICATION OF LINE, FEVTILIZER AND SEED.

 NOTE: WHEN LISING COLL-O-GEDI DO NOT SEED PREPARED AREA. COLL-O-SEED MLST BE. INSTALLED WITH PAPER SIDE DOWN.

 2. BEEM IT THE TOP OF THE SLOPE BY MONOPRINE THE BLANGET IN A 6" (SLEYN) DEEP X." (SLOWN) DIE TRENCH.

 APPLY STATEMENT OF THE TRENCH AND SEED AND SEED AND THE UP-SLOPE POWNON OF THE TRENCH. AND COMPACT THE TRENCH ANTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD RELIMINATION 22" (SOOM) POWNON AND FOLD RELIMINATION 22" (SOOM) POWNON AND FOLD RELIMINATION 22" (SOOM) POWNON AND FOLD RELIMINATION 22" (SOOM) PAPER SEED TO COMPACTED SOIL AND FOLD RELIMINATION 22" (SOOM) PAPER SEED TO COMPACTED SOIL AND FOLD RELIMINATION CONTROL BLANGET, SOUNTH A ROOM OF STAPLES/STANCES SPACED APPROXIMATELY 12" (SOOM) APPLY ACROSS THE SUDTH OF THE BLANGET, SOU WITH A ROOM OF STAPLES STAPLED APPROXIMATELY 12" (SOOM) APPLY ACROSS THE SUDTH OF THE BLANGET, SOU WITH A ROOM OF STAPLES STAPLED APPROXIMATELY 12" (SOOM) APPLY ACROSS THE SUDTH OF THE BLANGETS WILL UNROLL WITH APPROPRIATE SIDE ARABIT THE SOOL SUPPACE. ALL BLANGETS MLST BE SECURELY FASTEDED TO SOIL SUPPACE BY PLACING STAPLES/STANCES SHOULD BE PLACED THROUGH EACH OF THE COLURED DOTS CONRESPONDING TO THE APPROPRIATE STAPLES/STANCES SHOULD BE PLACED THROUGH EACH OF THE COLURED DOTS CONRESPONDING TO THE APPROPRIATE STAPLE DEPENDENCE.

 1. THE EDGES OF PAPALLE BLANGETS MUST BE STAPLED WITH APPROPRIATE STAPLE DEPENDENCE.

- CONSECUTIVE BLANCETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STILE) WITH AN A 3" (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE

THE LODGE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (16cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANGETS.

EROSION CONTROL BLANKETS

S150: Material:

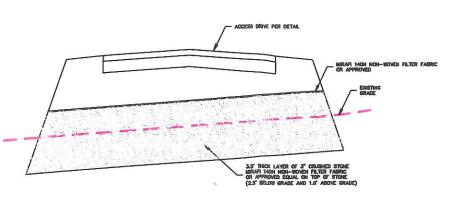
Straw fiber matrix sewn between two photo-degradable nets.

Straw: 5 lbs/sq. yd. Net: Temporary lightweight degradable (Both sides)

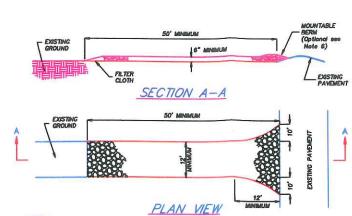
SC250 (North American Green): Material: Straw & coconut fiber matrix sewn between three polypropylene nets. Net: Permanent Turf Reinforcement, for maximum slopes up to 1.1:1.

SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS IN EXCESS OF 6° (15 CM) MAY BE NECESSARY TO PROPERLY BLANKETS.

EROSION CONTROL BLANKET



SEEPAGE ENVELOPE DETAIL



- NOTES:

 1. STONE SIZE USE 1" 2" STONE, OR RECLAMED OR RECYCLED CONCRETE EQUIVALENT.

 2. LENGTH AS REQUIRED, BUT NOT LESS THAN 50 FEET.

 3. THICKNESS NOT LESS THAN SIX (6) RICHES.

 4. WOTH 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WOTH AT POINTS WHERE NORSESS OF ECRESS OCCURS. 24 FOOT MINIMUM IF SINGLE DITRANCE TO STE.

 5. FLITER CLOTH TO BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

 6. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTIED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERN WITH 5! SLOPES WILL BE PERMITTED.

 7. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH MILL PREVENT TRACKING OF FLOWING OF SEDWENT ONTO PUBLIC RICHTS-OF-WAY. THIS MAY REQUIRE PERMONIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDMENT. ALL SEDMENT SPILLED, DREPPED, WASHED OR TRACKED ONTO PUBLIC RICHTS-OF-WAY MUST BE REMOVED BIMEDIATLY.

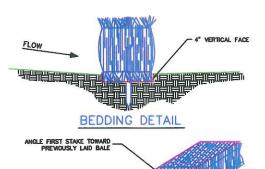
 8. WASHING WREELS SHALL BE CLEANED TO REMOVE SEDMENT FROM TO ENTRANCE ONTO PUBLIC RICHTS-OF-WAY SHALL BE DEMENTALLY.

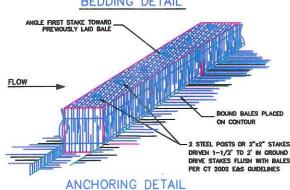
 9. PRINCIPLO ROWELS SHALL BE CLEANED TO REMOVE SEDMENT FROM TO THE DITRANCE ONTO PUBLIC RICHTS-OF-WAY MUST BE REMOVED BIMEDIATLY.

 9. PRINCIPLO ROWES AND WHICH DRAINS INTO AN APPROVED SEDMENT THE OF ON AN AREA AND WHICH DRAINS INTO AN APPROVED SEDMENT THE OF ON AN AREA.

 9. PERMOND INSPECTION AND REEDE DIMENTED SHALL BE PORVINED ON THE RECOVER.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN

STABILIZED CONSTRUCTION ENTRANCE





- 1. BALES SHALL BE EITHER STRAW OR HAY.
- 2. BALES SHALL BE PLACED AT THE TOE OF SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- 3, EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4 INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
- 4. BALES SHALL BE SECURELY ANCHORED IN PLACE BY DITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FILISH WITH THE BALE.
- INSPECTION SHALL BE FREQUENT, AND REPAIR AND/OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED TO MAINTAIN EFFECTIVENESS OF INSTALLATION.
- 6. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STAKED HAY BALE BARRIER

BNE ENERGY, INC. 29 SOUTH MAIN STREET TOWN CENTER SUITE 200 WEST HARTFORD, CT 06107

DATE

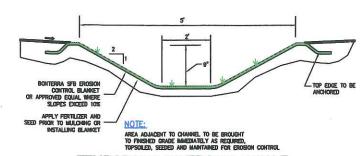
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DETAILS

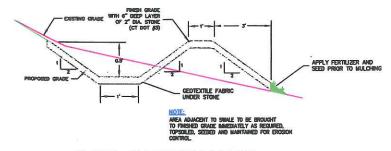
WIND COLEBROOK SOUTH FLAGO HILL ROAD



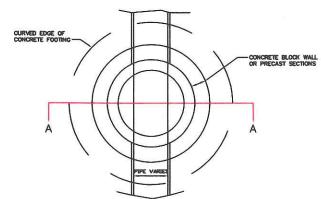
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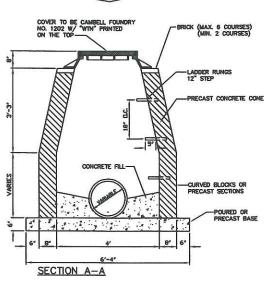


TEMPORARY DIVERSION SWALE

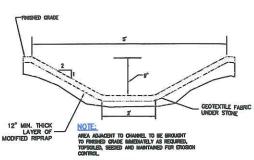


LEVEL SPREADER DETAIL

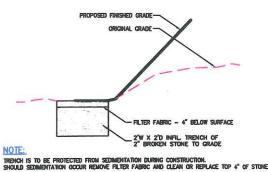




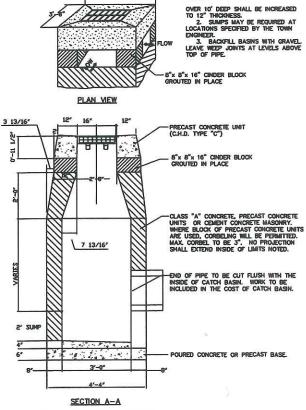
DRAINAGE MANHOLE



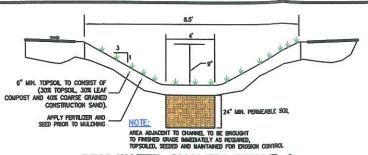
RIPRAP DIVERSION/CONVEYANCE SWALE



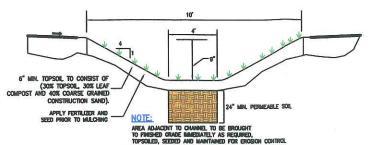
STONE INFILTRATION TRENCH



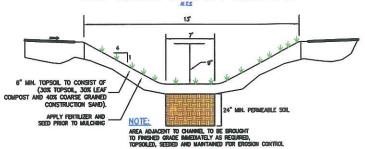
STANDARD TYPE "CL" CATCH BASIN



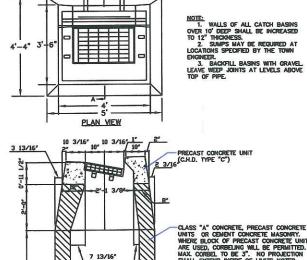
DRY WATER QUALITY SWALE A



DRY WATER QUALITY SWALE B



DRY WATER QUALITY SWALE C



S 13/16"

DRAINAGE OPENINGS IN 4 WALLS AT OR IMMEDIATELY ABOVE THIS ELEVATION. COVER OPENINGS WITH FILTER FABRIC.

S, 20Mb

CLASS "A" CONCRETE, PRECAST CONCRETE UNITS OR CEMENT CONCRETE MASONRY. WHERE BLOCK OF PRECAST CONCRETE UNITS ARE USED, CORBELING WILL BE PERMITTED. MAJ. CORBEL TO BE 3". NO PROJECTION SHALL EXTEND INSIDE OF LIMITS MOTED. -END OF PIPE TO BE CUT FLUSH WITH THE INSIDE OF CATCH BASIN. WORK TO BE INCLUDED IN THE COST OF CATCH BASIN.

POURED CONCRETE OR PRECAST BASE.

SECTION A-A STANDARD TYPE "C" CATCH BASIN

BNE ENERGY, INC. 29 SOUTH MAIN STREET **TOWN CENTER SUITE 200** WEST HARTFORD, CT 06107

REVISION

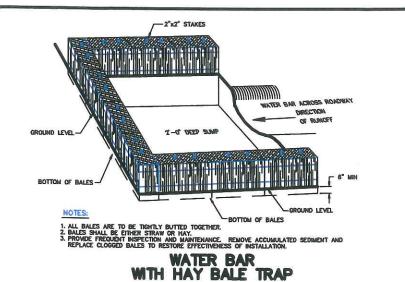
DETAILS

WIND COLEBROOK SOUTH

FLAGG HILL ROAD

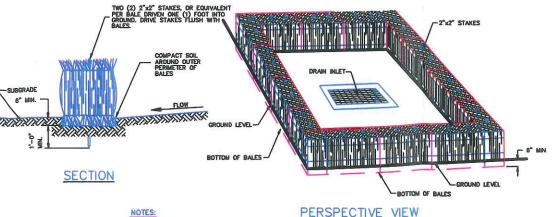
CORNERSTONE PROFESSIONAL PARK, SUITE D-101 43 SHERMAN HILL ROAD (203) 266 - 0778 CONI

C602



A" MIN. EXPOSED FACE NOTE:

AMPHIBIAN BARRIER DETAIL



PERSPECTIVE VIEW

ALL BALES ARE TO BE TIGHTLY BUTTED TOGETHER.
 BALES SHALL BE EITHER STRAW OR HAY.
 PROVIDE FREQUENT INSPECTION AND MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AND REPLACE CLOGGED BALES TO RESTORE EFFECTIVENESS OF INSTALLATION.

BALED FILTER



NO. REVISION

DATE

BNE ENERGY, INC.

WEST HARTFORD, CT 06107

29 SOUTH MAIN STREET TOWN CENTER SUITE 200

DETAILS

WIND COLEBROOK SOUTH FLAGO HELL ROAD

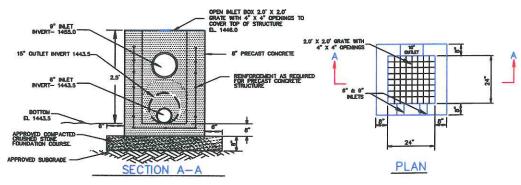


MIS. 20 AND 11 2000 OUD REPAIR SORE C603

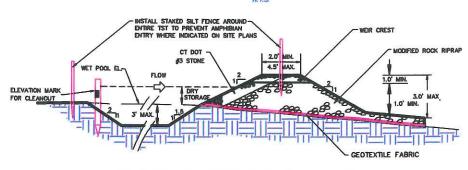
TOPSOIL TO CONSIST OF (30% TOPSOIL, 30% LEAF COMPOST AND 40% COARSE GRAINED BIORETENTION AREA SOIL LAYERING DETAIL

NOTES:

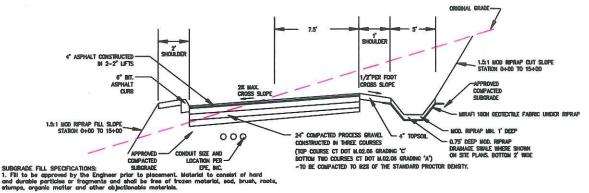
-EXCAVATE RAIN GARDEN AREAS TO PROPOSED INVERT DEPTHS AND SCARIFY EXISTING SOIL SURFACES, TAKING CARE NOT TO COMPACT THE IN-STIU MATERIALS
-PLACE TOPSOIL IN 8"-12" LIFTS, DO NOT COMPACT
-LIFTS MAY BE LIGHTLY WATERED TO ENCOURAGE NATURAL COMPACTION
-OVERFILL OF TOPSOIL IS REQUIRED TO ACCOMMODATE NATURAL SETTLEMENT TO PROPER GRADE



DETENTION/INFILTRATION BASIN OUTLET CONTROL STRUCTURE

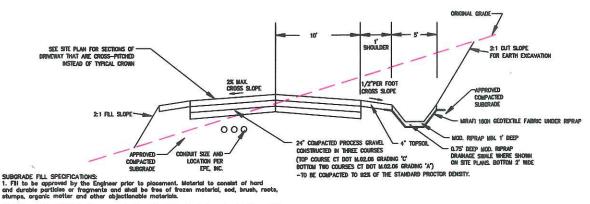


TEMPORARY SEDIMENT TRAP OUTLET



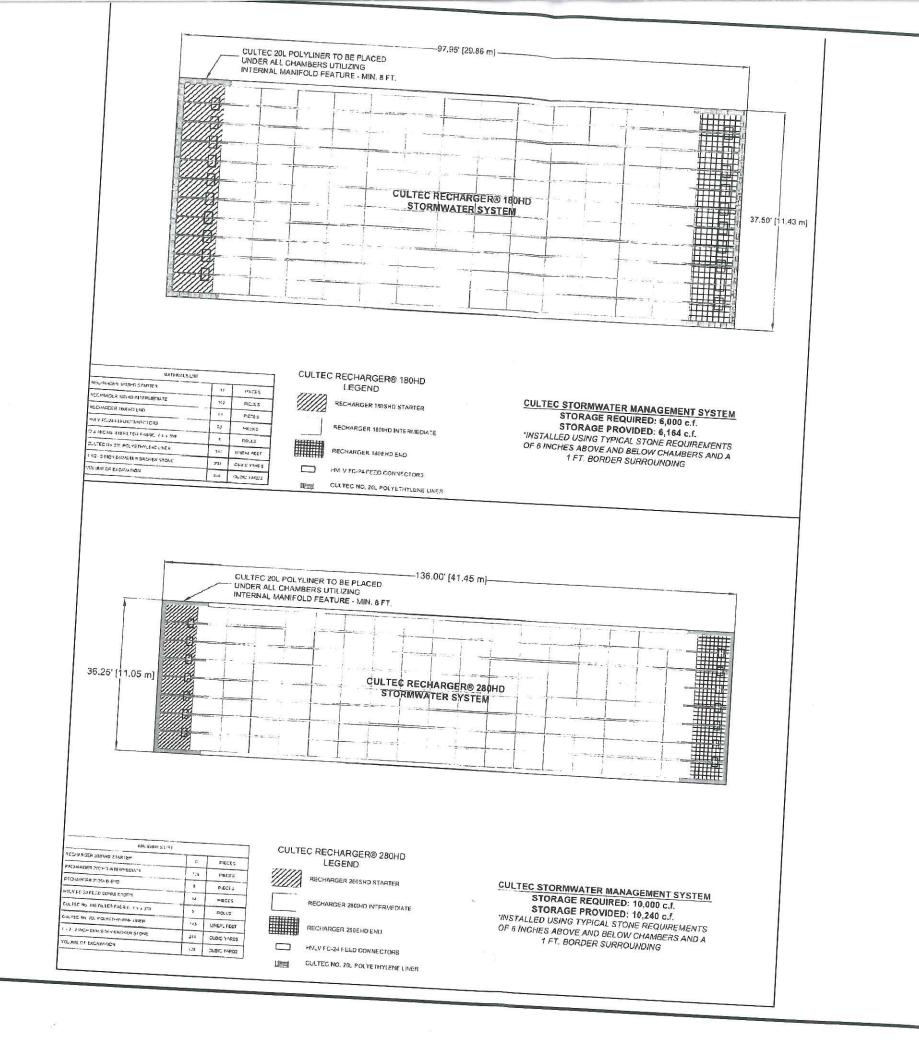
Subbase fill material shall be compacted to 90% of the standard practor density until the required elevation is obtained.

ACCESS DRIVE CROSS SECTION



3. Subbase and fill specifications to be confirmed and modified as necessary after elte analysis by geotechnical engineer. Access drive design must be able to accommodate management of the confirmed analysis of the confirmed a

ACCESS DRIVE CROSS SECTION



NO. REVISION DATE

Profeso Editions Charlets

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DETAILS
CULTEC DETENTION BEDS

WIND COLEBROOK
SOUTH
FLAGG HILL ROAD

COLEBROOK

CIVIL

00DBURY 43 SHERMAN HILL (203) 266-077

56-0778 CONNECTION BB AND CI STATE OF AUG 11 3092 CONNECTION 3092 CONNECTION 3092 CONNECTION STATE OF AUG 11 3092 CONNECTION S